

(19) World Intellectual Property  
Organization  
International Bureau



523.271  
10/523271



(43) International Publication Date  
12 February 2004 (12.02.2004)

PCT

(10) International Publication Number  
WO 2004/013155 A2

(51) International Patent Classification<sup>7</sup>: C07H 21/00

(21) International Application Number:  
PCT/GB2003/003131

(22) International Filing Date: 18 July 2003 (18.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0217963.8 2 August 2002 (02.08.2002) GB

(71) Applicant (*for all designated States except US*): CY-  
CLOPS GENOME SCIENCES LIMITED [GB/GB];  
14 Guest Road, Cambridge CB1 2AL (GB).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): GOLDSBOROUGH,  
Andrew, Simon [GB/FR]; 42, rue du Mas du Juge,  
F-34980 St Gely du Fesc (FR).

(74) Agents: DANIELS, Jeffrey, Nicholas et al.; Page White  
& Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,  
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,  
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— *without international search report and to be republished  
upon receipt of that report*

*For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: STABILISATION OF NUCLEIC ACIDS

(57) Abstract: A method for the stabilisation of nucleic acid from a biological sample, which comprises: (a) collecting of biological sample; (b) treating the sample so that a proportion of the 2', 3' or 5' -OH positions of the nucleic acid are modified with a protecting group; and (c) subjecting the treated sample to one or more steps to isolate nucleic acid therefrom; wherein the modified nucleic acid is subjected to a deprotection step comprising treatment with a primary amine to remove the protecting group.

WO 2004/013155 A2

